L Number	Hits	Search Text	DB	Time stamp
1	946872	((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:35
2	3906515	overflow with add-compare-select unit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:35
3	2694051	most significant bit$1 or MSB$2 or sign bit$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:37
4	1087323	(overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:38
5	436615	(((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:40
6	520727	saturating logic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:40
7	530665	detect$3 and (saturating condition with most significant bit or MSB)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:41
8	146718	(saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:41
9	64384	((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:42
10	524928	substitut$3 and (predetermined maximum value with first path metric value)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:43
11	17208	(((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:43

12	1360740	compar$3 and (first path metric value with predetermined maximum value with second path)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:44
13	14685	((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:44
14	1526012	select$3 and (minimum value)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:44
15	13893	(((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:45
16	4836667	second adder$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:45
17	13684	((((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))) and (second adder$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:46
18	132955	multiplexer$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:46
19	104020	accumulator$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:46

20	3696	(((((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))) and (second adder$1)) and multiplexer$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:46
21	820	accumulator$1 and (((((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))) and (second adder$1)) and multiplexer$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:47
22	895790	stor$3 and (minimum value41 with subsequent path metric calculation$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:48
23	789	(accumulator$1 and (((((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))) and (second adder$1)) and multiplexer$1)) and (stor$3 and (minimum value41 with subsequent path metric calculation$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:49
24	663661	Viterbi trellis depth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:50
25	353	((accumulator$1 and (((((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))) and (second adder$1)) and multiplexer$1)) and (stor$3 and (minimum value41 with subsequent path metric calculation$1))) and (Viterbi trellis depth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:52
26	2636	714/796.ccls. or 714/795.ccls. or 714/794.ccls. or 714/792.ccls. or 375/262.ccls. or 375/265.ccls. or 375/341.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 09:56

| 27 | 8 | (((accumulator$1 and (((((((((((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (((first adder$1) and (add$3 and (branch metric value with previous path metric value))) and (generat$3 and first path metric value))) and ((overflow with add-compare-select unit) and (most significant bit$1 or MSB$2 or sign bit$1))) and ((saturating logic) and (detect$3 and (saturating condition with most significant bit or MSB)))) and (substitut$3 and (predetermined maximum value with first path metric value))) and (compar$3 and (first path metric value with predetermined maximum value with second path))) and (select$3 and (minimum value))) and (second adder$1)) and multiplexer$1)) and (stor$3 and (minimum value41 with subsequent path metric calculation$1))) and (Viterbi trellis depth)) and (714/796.ccls. or 714/795.ccls. or 714/794.ccls. or 714/792.ccls. or 375/262.ccls. or 375/265.ccls. or 375/341.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 09:56 |